

Dr. Blaine Henningsen

Office of College and Career Readiness



CTE Advisory Council

DESE Update

April 22, 2019



WELCOME!

Show-Me Success



CONTINUOUS IMPROVEMENT SYSTEM

THEORY OF ACTION:

Improved student
learning for every
student in every school.





OCCR Mission

The mission of the DESE Office of College and Career Readiness is to guide and support schools in preparing success-ready students.



Success-ready Student

A success-ready student has the knowledge, skills, behavior and experiences to achieve personal goals and contribute in all facets of life.

Connecting Careers and Education...

a national story!

White House Proposes Merging Education And Labor Departments



June 21, 2018

President Trump, flanked by Education Secretary Betsy DeVos and Labor Secretary Alexander Acosta, answers questions in August 2017 at Trump National Golf Club in Bedminster, N.J. Thursday, the White House announced plans to merge the two departments.

Donald Trump Signs First Major Education Policy Bill of His Presidency

July 31, 2018

The Strengthening Career and Technical Education for the 21st Century Act (\$1.2 Billion)

Reauthorization of the 2006 Carl D. Perkins Career and Technical Act

“Provides greater access to better training and more jobs. “



Workforce Legislation in 2018

- **32 states** and the District of Columbia introduced workforce development legislation
- **28 bills** passed across 17 states
- Half of those efforts focused on financial incentives for students and institutions targeting high-demand fields.

Florida Governor Ron DeSantis



- Jan. 31, 2019
- Signed Executive Order directing state Dept. of Education and state Dept. of Economic Opportunity to coordinate programming to ensure students are trained to meet market demands

NC education initiative addresses qualified workforce deficit

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TRENDING

COMMERCIAL REAL ESTATE

Cracker Barrel prepares another Triad location



TRANSPORTATION

(GALLERY) These were the hottest cars in the U.S.



In Dubai, Sununu Discussed Education, Workforce Training

By SARAH GIBSON • FEB 13, 2019



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New Hampshire



New Hampshire Governor Chris Sununu.

CREDIT ALLEGRA BOVERMAN FOR NHPR

Governor Chris Sununu is back from a five-day trip to city of Dubai, in the United Arab Emirates. The trip revolved around a gathering of leaders called the World Government Summit.

According to the governor's office, Sununu spent the first part of his Dubai trip working on New Hampshire issues, notably the state budget, which he will announce this Thursday.

Pennsylvania



PA Gov. Tom Wolf. Photo: AL DIA Archives.

Gov. Wolf stresses workforce development, education in 2019 budget

Kentucky Governor Puts New Collaborative in Motion

- Aligns and integrates elementary and secondary education, postsecondary education and adult education
- Engages employers in Kentucky's workforce development system



Gov. Lee's first legislative push is to improve the state's workforce



Tennessee Governor Bill Lee

“We have the opportunity to help students discover quality career paths and gain skills that are needed right now in the workforce by emphasizing career and technical education.”

Oklahoma Governor Mary Fallin Speaks on Education and Workforce

- “Oklahoma businesses, educators and government need to come together and better educate the Oklahoma workforce and address a skills gap that leaves open jobs unfilled.”



Kansas Governor Creates Advisory Group to Improve Education



Enhance early childhood education

Create relationships between education and business community

Develop partnerships to address workforce needs in Kansas

Iowa Governor Sets Ambitious Goals Transforming Education and the Workforce

- The Governor's 2018 **Future Ready Iowa** Summit, included leaders from
 - ❑ business and industry
 - ❑ education
 - ❑ nonprofits
 - ❑ elected officials
 - ❑ students and others
 - ❑ focused on expanding work-based learning and instruction



Why are we talking about Career-Connected Learning in Missouri?



State of the State Address

“...let me be crystal clear, **cultivating and training our workforce for the high-demand jobs** and investing in critical infrastructure are the priorities we must address this session.”

State of the State Address

“We are well into the 21st century...and yes, **extra levels of education are needed to meet the demands of our workforce.**”

State of the State Address

“...a higher level of education should not simply mean getting college degrees....”

Missouri Governor Mike Parson, January 16, 2019

State of the State Address

“We must also start integrating EMPLOYER and industry-led input into the needs and demands of the workforce, like **increasing Industry Recognized Credentials as part of our high school curriculum.**”

Why is this such an important topic?

Global Competition

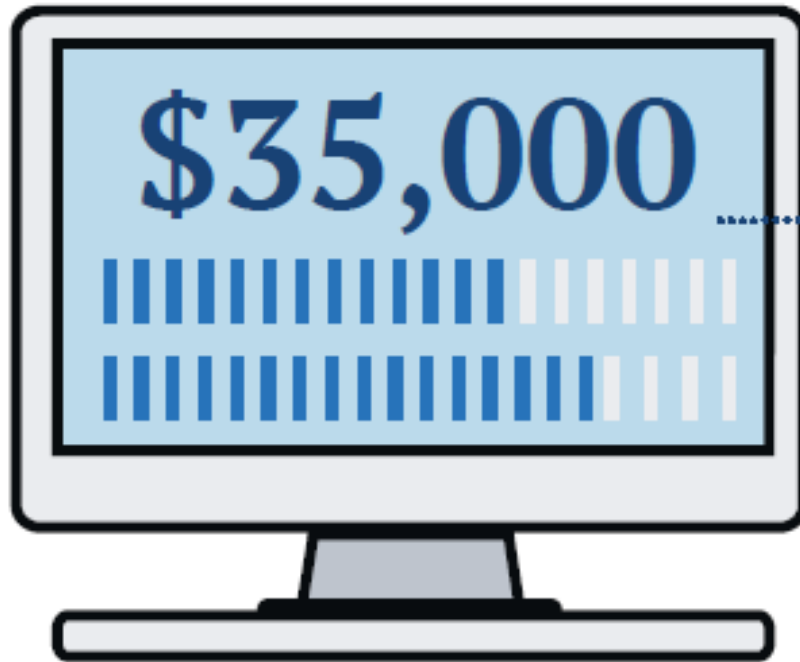
- Trade, transportation and technology have created a global market for goods, services and jobs.
- Results -
 - Global economy
 - Global workforce
 - Global competition

Gallup World Poll

In surveying millions of people around the world, Gallup has determined that the #1 desire of people, consistent across all cultures and continents, is what Gallup calls “a **good job**”.

The Gallup Organization (2016)

What is a good job?



In defining a good job, we have chosen **\$35,000** (\$17 per hour for a full-time job) as the minimum earnings for those under age 45 and **\$45,000** (\$22 per hour for a full-time job) for workers age 45 and older.

MCKINSEY GLOBAL INSTITUTE

JOBS LOST, JOBS GAINED: WORKFORCE TRANSITIONS IN A TIME OF AUTOMATION

DECEMBER 2017

EXECUTIVE SUMMARY



Unemployment and Underemployment

- **30 to 45%** of working-age people around the world are unemployed, inactive, or underemployed
 - US + 15 European Union countries = **285 million** adults not in the labor force
 - Add Japan, Brazil, China and India and the total is approximately **850 million** unemployed, inactive or underemployed

Automation

- Up to **44%** of current low-skill jobs in the United States could be automated by 2030, however...
- Highly specialized jobs will emerge in which people must operate and maintain the machines that are taking their places.
- Workers who improve their education levels will find opportunities in the new labor market.

Missouri Workforce - 2017

- **2,308,000** Missourians in the workforce
 - **1,524,000** - (2/3) of Missouri's workers don't have BA degrees
 - Only **508,000** - (1/3) without BA degrees have a "Good Job"

Missouri Workforce - 2017

- **2,308,000** Missourians in the workforce
 - **784,000** – (1/3) of Missouri's workers have Bachelor's Degrees
 - **522,000** – (2/3) with Bachelor's Degrees have a "Good Job"

Missouri Jobs Report: All levels of education

Jobs by educational attainment

Educational attainment	Number of workers	Workers with good jobs	Median earnings	Median earnings of workers with good jobs
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Non-BA Workers

Less than high school	137,000	23,000	\$21,000	\$52,000
High school graduate	625,000	183,000	\$29,000	\$53,000
Some college	546,000	203,000	\$31,000	\$55,000
Associate's degree	216,000	99,000	\$36,000	\$55,000
All non-BA workers	1,524,000	508,000	\$30,000	\$54,000

BA+ Workers

Bachelor's or higher	784,000	522,000	\$51,000	\$67,000
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All workers	2,308,000	1,029,000	\$35,000	\$60,000
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DESE Update

DESE Update

- **Strategic Priority 1 – Access, Opportunity and Equity**
 - ❑ Provide all students access to a broad range of high quality educational opportunities from early learning into post high school engagement.
 - ❑ **OCCR goal is to promote career awareness, exploration and preparation by all students.**

DESE Update

- **CTSO State Conferences**
 - ❑ Directors will give an update over lunch today
 - ❑ FFA this week in Columbia

DESE Update

- **Missouri Career Pathways Program** *July 1, 2018 - March 31, 2019*
 - ❑ 9 new postsecondary partners have participated in externships
 - ❑ 14 new strategic partners added during this year to date
 - ❑ 63 new employer partners have participated in externships
 - ❑ 50 new school district teams have participated in externships
 - ❑ 345 new teachers have participated in externships

DESE Update

- **Individual Career and Academic Plan (ICAP)**
- **Missouri Connections**
 - ❑ All OCCR staff have been trained on the ICAP and Missouri Connections
 - ❑ Presentations on use of ICAP and Missouri Connections at multiple state conferences

DESE Update

- **STEAM Events** for 7th and 8th grade boys and girls
 - ❑ 40+ events
 - ❑ All regions of the state
 - ❑ Partners included, but not limited to...
 - UCM - Warrensburg, 3M, Citizens Memorial Hospital – Bolivar, Discovery Center – Springfield, Scott Tech Center – Monett, Franklin Tech Center – Joplin, Missouri National Guard, Missouri State University, Mineral Area College, OTC, Hannibal LaGrange U, Three Rivers CC, SEMO, St. Louis U, Truman State U, Rolla Technical Center, UMC, NWMSU - Maryville

DESE Update

- **Recent Activity Promoting CTE – since January 28**
 - ❑ Attended the State Workforce Investment Board meeting – Jan. 31
 - ❑ Many OCCR staff members presented at the MCCTA conference - Feb. 12-14
 - ❑ Spoke at the Capitol Rotunda in honor of regarding FFA week – Feb. 19
 - ❑ Dr. Harden and I spoke at the New Superintendent's meeting – March 1

DESE Update

- **Recent Activity Promoting CTE – since January 28**
 - ❑ Attended the Chamber's STEM Day at the Capitol – March 7
 - ❑ Dr. Harden gave a presentation to Commissioner Vandeven and DESE Leadership regarding Perkins V – March 20
 - ❑ Presented on *Career Connected Learning* to the State Board of Education at their retreat – March 25

DESE Update

- **Recent Activity Promoting CTE – since January 28**
 - ❑ Dr. Harden, Dr. Bryant and I presented on *Career Connected Learning* at the Missouri Association of School Administrator's Spring Conference – March 28
 - ❑ OCCR held a Perkins Stakeholders meeting – April 1
 - ❑ State Board toured Clyde C. Miller Career Academy in St. Louis – April 15

DESE UPDATE

- **State Board Meeting in St Louis – April 15 & 16**
 - ❑ New Board Member – Mary Sheid-Schrag
 - ❑ Turned over control of SLPS District to elected board (2007)
 - ❑ Approved new Fine Arts Standards
 - ❑ Presentation on Assessments in Missouri
 - ❑ Presentation on MSIP 6 - update

DESE UPDATE

- **State Board Meeting in St Louis – April 15 & 16**

- Toured three schools on Monday

- Dressel Elementary in Lindbergh School District

- City Garden Montessori Charter School

- **Clyde C. Miller Career Academy** in SLPS District

- Multimedia Program

- Cyber Security Program

- Culinary Arts Program

- Rehabilitation Therapy Program

- Hospitality Program

Coming Soon



Contact

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